

<b>REQUEST FOR QUOTATION</b> <i>(THIS IS NOT AN ORDER)</i>			THIS RFQ <input checked="" type="checkbox"/> IS <input type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE		PAGE 1 OF 8 PAGES		
1. REQUEST NO. N65540-03-Q-0426		2. DATE ISSUED 03 JUN 16		3. REQUISITION/PURCHASE REQUEST NO. 33530 31353338		4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1	RATING
5a. ISSUED BY CONTRACTING OFFICER NSWC CARDEROCK DIVISION				6. DELIVER BY (Date) 03 OCT 10			
5b. FOR INFORMATION CALL (NO COLLECT CALLS)				7. DELIVERY <input checked="" type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)			
NAME 5001 S. BROAD STREET, CODE 335 PHILADELPHIA, PA 19112-1403 DAVID DENNISON		TELEPHONE NUMBER AREA CODE 215 NUMBER 897-1494 FAX: 215 897-7059		9. DESTINATION N65540			
8. TO: a. NAME				a. NAME OF CONSIGNEE NAVAL BUSINESS CENTER RECEIVING OFFICER, FISC, NSWC CARDEROCK DIVISION			
b. COMPANY				b. STREET ADDRESS 1601 LANGLEY AVENUE BLDG 542 E			
c. STREET ADDRESS				c. CITY PHILA.			
d. CITY		e. STATE		f. ZIP CODE		d. STATE PA	e. ZIP CODE 19112-5051
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5A ON OR BEFORE CLOSE OF BUSINESS (Date) 03 JUL 07				IMPORTANT: This is a request for information and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5A. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.			
<b>11. SCHEDULE (Include applicable Federal, State and local taxes)</b>							
ITEM NO. (a)	SUPPLIES/SERVICES (b)			QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
0001	REQN. NO. 33530 /31353338 ITEM NAME: SUBMERGED TRIANGULAR FENDER IAW DRAWING 806-5773689 REV B.			1	EA		
0002	REQN. NO. 33530 /31353346 ITEM NAME: TYPE II FLOAT FOR ITEM 0001 IAW DRAWING 806-5773691 REV B.			1	EA		
0003	REQN. NO. 33530 /31353347 ITEM NAME: SUBMERGED CYLINDRICAL FENDER IAW DRAWING 806-5773690 REV B.			1	EA		
0004	REQN. NO. 33530 /31353349 ITEM NAME: TYPE II FLOAT FOR ITEM 0003 IAW DRAWING 806-5773691 REV B.			1	EA		
12. DISCOUNT FOR PROMPT PAYMENT				a. 10 CALENDAR DAYS (%)	b. 20 CALENDAR DAYS (%)	c. 30 CALENDAR DAYS (%)	d. CALENDAR DAYS NUMBER PERCENTAGE
NOTE: Additional provisions and representations <input type="checkbox"/> are <input type="checkbox"/> are not attached							
13. NAME AND ADDRESS OF QUOTER				14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION		15. DATE OF QUOTATION	
a. NAME OF QUOTER				16. SIGNER		b. TELEPHONE AREA CODE	
b. STREET ADDRESS							
c. COUNTY				a. NAME (Type or print)			
d. CITY				e. STATE		f. ZIP CODE	
				c. TITLE (Type or print)		NUMBER	

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Previous edition not usable

STANDARD FORM 18 (Rev. 6-95)  
Prescribed by GSA-FAR (48 CFR) 53.215-1(a)

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VENDOR:

Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212) (Applies to contracts of \$25,000 or more).

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998) (29 U.S.C. 793). (Applies to contracts over \$10,000, unless the work is to be performed outside the United States by employees recruited outside the United States.) (For purposes of this clause, United States includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)

(v) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212) (Applies to contracts of \$25,000 or more).

(vi) 52.222-41, Service Contract Act of 1965, As Amended (May 1989) (41 U.S.C. 351, et seq.) (Applies to service contracts over \$2,500 that are subject to the Service Contract Act and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, or the outer continental shelf lands).

(vii) 52.223-5, Pollution Prevention and Right-to-Know Information (Apr 1998) (E.O. 12856) (Applies to services performed on Federal facilities).

(viii) 252.225-7001, Buy American Act and Balance of Payments Program (Apr 2003) (Applies to all contracts for supplies unless an exception is authorized by DFARS 225.1101(2) (i) through (iv)).

(ix) 252.225-7013, Duty-Free Entry (Apr 2003) (Applies to all contracts for supplies except for those supplies that will not enter the customs territory of the United States).

(x) 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration (May 1999). (Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the Central Contractor Registration (CCR) database as its source of EFT information.)

(xi) 52.232-34, Payment by Electronic Funds Transfer--Other than Central Contractor Registration (May 1999). (Applies when the payment will be made by EFT and the payment office does not use the CCR database as its source of EFT information.)

(xii) 252.247-7023, Transportation of Supplies by Sea (May 2002) Alternate III (May 2002) (Applies when transporting any supplies by sea under this contract.)

(2) Listed below are additional clauses that may apply:

(i) 252.204-7004, Required Central Contractor Registration (Nov 2001) (Applies to all contracts unless an exception is authorized by DFARS 204.7302.)

(ii) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (July 1995) (Applies to contracts over \$25,000).

(iii) 52.211-5 Material Requirements (Aug 2000) (Applies to contracts for supplies that are not commercial items).

(iv) 52.211-17, Delivery of Excess Quantities (Sept 1989) (Applies to fixed-price supplies).

(v) 252.225-7002, Qualifying Country Sources as Subcontractors (Apr 2003) (Applies if the contract is subject to the DFARS clause 252.225-7001, Buy American Act and Balance of Payments Program (see (b)(1)(viii) above)).

(vi) 52.243-1, Changes--Fixed Price (Aug 1987)

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VENDOR:

SECTION F TIME OF DELIVERY

DELIVERIES SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS

ITEM	QUANTITY	DELIVERY REQUIRED
0001	1 EA	90 DAYS AFTER DATE OF ORDER
0002	1 EA	90 DAYS AFTER DATE OF ORDER
0003	1 EA	90 DAYS AFTER DATE OF ORDER
0004	1 EA	90 DAYS AFTER DATE OF ORDER

52.247-34 F.O.B. DESTINATION (NOV 1991)

52.213-4 Terms and Conditions--Simplified Acquisitions (Other Than Commercial Items) (APR 2003)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) and Defense Federal Acquisition Regulation Supplement (DFARS) clauses that are incorporated by reference:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-3, Convict Labor (Aug 1996) (E.O. 11755).

(ii) 52.222-21, Prohibition of Segregated Facilities (Feb 1999) (E.O. 11246).

(iii) 52.222-26, Equal Opportunity (Apr 2002) (E.O. 11246).

(iv) 52.225-13, Restrictions on Certain Foreign Purchases (July 2000) (E.O.'s 12722, 12724, 13059, 13067, 13121, and 13129).

(v) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).

(2) Listed below are additional clauses that apply:

(i) 252.204-7003, Control of Government Personnel Work Product (Apr 1992)

(ii) 52.232-1, Payments (Apr 1984).

(iii) 52.232-11, Extras (Apr 1984).

(iv) 52.233-1, Disputes (Jul 2002).

(v) 252.243-7001 Pricing of Contract Modifications (Dec 1991)

(vi) 52.244-6, Subcontracts for Commercial Items (Dec 2001).

(vii) 52.253-1, Computer Generated Forms (Jan 1991).

(b) The Contractor shall comply with the following FAR and DFARS clauses, incorporated by reference, unless the circumstances do not apply:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (Sept 2002) (E.O. 13126). (Applies to contracts for supplies exceeding the micro-purchase threshold.)

(ii) 52.222-20, Walsh-Healey Public Contracts Act (Dec 1996) (41 U.S.C. 35-45) (Applies to supply contracts over \$10,000 in the United States, Puerto Rico, or the U.S. Virgin Islands).

(iii) 52.222-35, Equal Opportunity for Special Disabled

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## VENDOR:

(Applies to fixed-price contracts for supplies).

(vii) 52.243-1, Changes--Fixed Price (Aug 1987) Alternate I (Apr 1984) (Applies to fixed price contracts for services, other than architect-engineer or other professional services, and no supplies are to be furnished).

(viii) 52.243-1, Changes--Fixed Price (Aug 1987) Alternate II (Apr 1984) (Applies to fixed price contracts for services (other than architect-engineer services, transportation, or research and development) and supplies are to be furnished).

(ix) 52.243-1, Changes--Fixed Price (Aug 1987) Alternate V (Apr 1984) (Applies to fixed price contracts for research and development).

(x) 52.247-29, F.o.b. Origin (Jun 1988) (Applies to supplies if delivery is f.o.b. origin).

(xi) 52.247-34, F.o.b. Destination (Nov 1991) (Applies to supplies if delivery is f.o.b. destination).

(xii) 52.222-42, Statement of Equivalent Rates for Federal Hires (May 1989) (Applies if the contract amount is expected to be over \$2,500 and the contract is subject to the clause 52.222-41, "Service Contract Act of 1965, As Amended" (see (b)(1)(vi) above)).

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

This Statement is for Information Only:

It is not a Wage Determination

Employee Class	Monetary Wage--Fringe Benefits
_____	_____
_____	_____
_____	_____

(xiv) 52.246-11 Higher-Level Contract Quality Requirement (Feb 1999) (Applies to contracts when the contracting officer finds it is in the Governments interest to require that higher-level quality standards be maintained and such standards are selected and identified in the clause).

The Contractor shall comply with the higher-level quality standard selected below. [If more than one standard is listed, the offeror shall indicate its selection by checking the appropriate block.]

	Title	Number	Date	Tailoring
*	_____	_____	_____	_____
*	_____	_____	_____	_____
*	_____	_____	_____	_____
*	_____	_____	_____	_____

[Contracting Officer insert the title, number (if any), date, and tailoring (if any) of the higher-level quality standards.]

(c) FAR 52.252-2, Clauses Incorporated by Reference (Feb 1998). This contract incorporates one or more clauses by reference, with the same force and effect as if they were

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VENDOR:

given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

FAR clauses - <http://www.arnet.gov/far/>  
DFARS clauses - <http://www.acq.osd.mil/dp/dars/dfars.html>

(d) Inspection/Acceptance. The Contractor shall tender for acceptance only those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its postacceptance rights--

(1) Within a reasonable period of time after the defect was discovered or should have been discovered; and

(2) Before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(e) Excusable delays. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence, such as acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(f) Termination for the Government's convenience. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges that the Contractor can demonstrate to the satisfaction of the Government, using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided.

(g) Termination for cause. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(h) Warranty. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for

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VENDOR:

the particular purpose described in this contract.

(End of clause)

52.232-36 Payment by Third Party (May 1999)

(a) General. The Contractor agrees to accept payments due under this contract, through payment by a third party in lieu of payment directly from the Government, in accordance with the terms of this clause. The third party and, if applicable, the particular Governmentwide commercial purchase card to be used are identified elsewhere in this contract.

(b) Contractor payment request. In accordance with those clauses of this contract that authorize the Contractor to submit invoices, contract financing requests, other payment requests, or as provided in other clauses providing for payment to the Contractor, the Contractor shall make such payment requests through a charge to the Government account with the third party, at the time and for the amount due in accordance with the terms of this contract.

(c) Payment. The Contractor and the third party shall agree that payments due under this contract shall be made upon submittal of payment requests to the third party in accordance with the terms and conditions of an agreement between the Contractor, the Contractor's financial agent (if any), and the third party and its agents (if any). No payment shall be due the Contractor until such agreement is made. Payments made or due by the third party under this clause are not payments made by the Government and are not subject to the Prompt Payment Act or any implementation thereof in this contract.

(d) Documentation. Documentation of each charge against the Government's account shall be provided to the Contracting Officer upon request.

(e) Assignment of claims. Notwithstanding any other provision of this contract, if any payment is made under this clause, then no payment under this contract shall be assigned under the provisions of the assignment of claims terms of this contract or the Assignment of Claims Act of 1940, as amended, 31 U.S.C. 3727, 41 U.S.C. 15.

(f) Other payment terms. The other payment terms of this contract shall govern the content and submission of payment requests. If any clause requires information or documents in or with the payment request, that is not provided in the third party agreement referenced in paragraph (c) of this clause, the Contractor shall obtain instructions from the Contracting Officer before submitting such a payment request.

(End of clause)

Your quotation must include the following information:

Price list number and date

or

Cost breakdown by direct labor (list categories, hours and pay rates). In addition to the direct rates, provide the applicable indirect information (G&A), overhead, facilities capital cost of money (FCCM) and profit.

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VENDOR:

or

Applicable General Services Administration (GSA) contract number.

If unable to quote FOB, Destination, please complete the following:

FOB Point \_\_\_\_\_

Estimated Shipping Charge \_\_\_\_\_

Business size:

Large \_\_\_\_\_ Small \_\_\_\_\_ Nonprofit \_\_\_\_\_

Cage Code \_\_\_\_\_

Tax Identification Number (TIN) \_\_\_\_\_

DUNNS \_\_\_\_\_

ELIGIBILITY REQUIREMENTS

All contractors and individuals doing business with the Federal Government must be registered at the Contractor Central Registration Database located at:  
<http://ccr.dlsc.dla.mil/>.

ELECTRONIC DISTRIBUTION OF CONTRACT DOCUMENTS

All contract award and contract modification documents will be distributed electronically using the Navy Air Force Interface (NAFI) system. The contractor's copy will be provided in portable document format (pdf) as an attachment to an e-mail that will be sent to the contractor by the NAFI system. A pdf file may be accessed using Adobe Acrobat Reader software. This is a free software that may be downloaded at:  
<http://www.adobe.com/products/acrobat/readstep.html>

Provide the following information that will be used to make electronic distribution for any resultant contract:

Name of Point of Contact to Receive  
Distribution \_\_\_\_\_

Phone Number for Point of Contact \_\_\_\_\_

E-Mail Address for Receipt of Distribution \_\_\_\_\_

USE OF THE GOVERNMENTWIDE COMMERCIAL PURCHASE CARD

Will you accept the Governmentwide Commercial Purchase Card as a method of purchasing supplies and/or services.

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VENDOR:

\_\_\_\_\_ Yes

\_\_\_\_\_ No

Will you accept the Governmentwide Commercial Purchase Card  
as a method of payment for your invoice.

\_\_\_\_\_ Yes

\_\_\_\_\_ No

DUTY FREE ENTRY

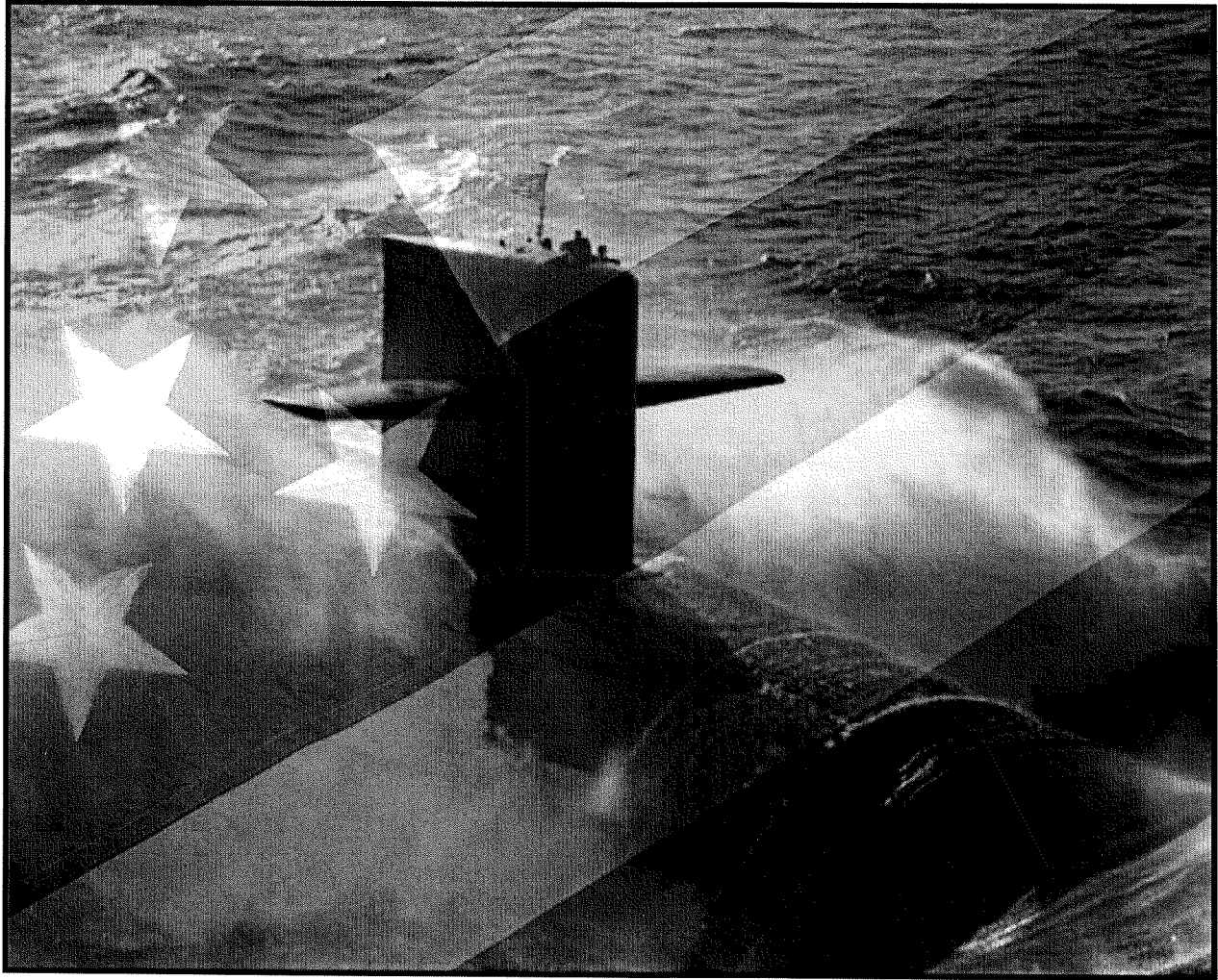
Will any materials being shipped to the Government require a  
duty-free entry certificate for foreign supplies.

\_\_\_\_\_ Yes

\_\_\_\_\_ No

If yes, please include dollar amount \$ \_\_\_\_\_

# UNIVERSAL SUBMARINE FENDERS



**UNIVERSAL SUBMARINE FENDER PROCUREMENT**  
**Louis J. DiStefano**

0001.	Submerged Triangular Fender Drawing 806-5773689 Rev. B	1	Ea	\$31,479
0002.	Type III Float for Item 0001 Drawing 806-5773691 Rev. B	1	Ea	\$23,065
0003.	Submerged Cylindrical Fender Drawing 806-5773690 Rev. B	1	Ea	\$11,254
0004.	Type II Float for Item 0003 Drawing 806-5773691 Rev. B	1	Ea	\$7,843
0005.	Technical Data for Items 0001 through 004	1	Lot	

## **UNIVERSAL SUBMARINE FENDERS SPECIFICATION**

**Scope:** This specification establishes requirements for Universal Submarine Fenders to be used as separators for submarine tender operations. To avoid damage to Submarines, the universal Submarine fender contacts the hull of the Submarine several feet above the vertical tangent of the hull, (above the centerline). It can be positioned at any location along the parallel mid-body without contacting the critical sections of the submarine. The basic structure of the universal submarine fender is a triangular steel pipe support frame assembly. The separator has three legs or sides angled at 13-degrees and house the energy absorbing material or rubber fender. In the operating position, the assembly is oriented so that two legs are always inboard and the single leg is outboard. The fenders are required to maintain the point of contact. Two universal submarine separators Type I and two Type II (one-half ship-set) is required to moor two submarines outboard a tender. They were configured specifically to avoid damage to the Submarine sonar, special hull treatment (SHT), and clearances relative to forward diving planes, stern screws/ rudders in all classes of submarines. Clearances will remain sufficient in all reasonable loading conditions. They are intended for use in both the forward and aft. locations in which ship and submarine or submarine and submarine can be arranged either bow-to-bow, staggered, or bow-to-stern mooring arrangement. Use of the separator system permits any active class submarine to moor next to a submarine tender or nested to any other active submarine, in either a bow-to-bow, staggered, or a bow-to-stern mooring arrangement.

### **ITEMS 0001:**

The Submerged Triangular Fender to be furnished under Item 0001, shall be in accordance with the requirements of Drawing 806-5773689 Rev. B.

### **ITEMS 0002:**

The Submerged Triangular Fender Type III Float to be furnished under Item 0002, shall be in accordance with the requirements of Drawing 806-5773691 Rev. B.

### **ITEMS 0003:**

The Submerged Cylindrical Fender to be furnished under Item 0003, shall be in accordance with the requirements of Drawing 806-5773690 Rev. B.

### **ITEMS 0004:**

The Submerged Cylindrical Fender Type II Float to be furnished under Item 0004, shall be in accordance with the requirements of Drawing 806-5773691 Rev. B.

## **ITEMS 0001 THROUGH 0004**

### **PRESERVATION, PACKAGING, PACKING & MARKING REQUIREMENTS**

The Fenders and Floats to be furnished shall be preserved, packaged and packed in accordance with the contractor's standard practice in a manner to prevent corrosion, deterioration, and damage and to insure arrival at destination in a satisfactory condition.

### **DOCUMENTATION**

The manufacturer shall provide the purchaser with certification that fenders and floats have been tested and inspected as specified in Drawing 806-5773689, 806-5773690, 806-5773691 Revision B, and that all the requirements have been met, together with a test and inspection reports.

### **ITEM 0005**

The contractor is responsible for the performance of all inspection and test requirements as specified in this solicitation (DD FORM 1423). Item 0005 shall consist of the test and inspection report detailing the results of all tests and inspections performed and all technical information records, serial numbers, etc. covered under this solicitation. One copy of the Technical Data for each fender and float under Items 0001 through 0004 shall be delivered to:

**Philadelphia Naval Business Center  
Building 4, Code 9731  
Philadelphia, PA 19112-5083  
Attn: Louis J. DiStefano**

## **DELIVERY SCHEDULE**

<b>Item 0001</b>	Quantity two (1)	90 DAO
<b>Item 0002</b>	Quantity zero (1)	90 DAO
<b>Item 0003</b>	Quantity two (1)	90 DAO
<b>Item 0004</b>	Quantity zero (1)	90 DAO
<b>Item 0005</b>	Final draft report due within thirty (30) days after completion of all technical efforts under statement of work.	

## **SHIPPING INSTRUCTIONS**

Items 0001 thru 0004 will be shipped to the following address:

**USS FRANK CABLE (AS-40)  
OMNAVMAR Support Activity,  
Port Operations, Sumay Drive BLDG 3169.  
ATT: PSC 455 Box 155 FPO AP 96540-1000  
POC is Mr. Dick Riddle  
Ph-(671) 777-4684, fax- (671) 339-8219**

Form Approved  
OMB No. 0704-0188

(1 Data Item)

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

<b>A. CONTRACT LINE ITEM NO.</b> 0001	<b>B. EXHIBIT</b> A	<b>C. CATEGORY:</b> TDP                      TM                      OTHER <b>X</b>		
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<b>D. SYSTEM/ITEM</b>	<b>E. CONTRACT/PR NO.</b>	<b>F. CONTRACTOR</b>
UNIVERSAL SUBMARINE FENDERS	TBD	TBD.

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A002	MATERIAL VERIFICATION, INSPECTION & TEST RESULTS	Final Report

4. Authority (DATA Acquisition document No.)	5. CONTRACT REFERENCE Contractor's Inspection Req.	6. REQUIRING OFFICE NAVSEA PHILADELPHIA
--	---	--

7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED  TBD	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION See Block 16	14. DISTRIBUTION		
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION See Block 16	a. ADDRESSEE	b. COPIES	
						Draft
						Reg      Repro

<b>16. REMARKS</b>  The Contractor shall submit two (2) draft final reports within <b>thirty (30)</b> days after completion of all technical effort under the Statement of Work. The report can be in contractors format, but must outline all material verifications. For contractor supplied material, the contractor shall supply documented verification of the raw material being utilized under this solicitation.	Naval Surface Warfare	2	2	
	Carderock Division			
	US Naval Business Ctr			
	Philo, PA 19144-5000			

The Contractor shall submit one (1) draft final reports within **thirty (30)** days after completion of all results of dimensions inspected in accordance with the Statement of Work. The “actual” dimension can be recorded on a copy of the provided drawings under this solicitation.

The Contractor shall submit two (2) draft final reports within **thirty (30)** days after completion of all technical effort under the Statement of Work with the results of the required leak test called out under Drawing 806-5773691, Revision B of this contract.

**All records shall be documented on a reproduction of the component containing the following information:**

- (a) **Inspector's Name and Signature**
- (b) **Date of Inspection**
- (c) **Contract Number**
- (d) **Contractor Name**
- (e) **Drawing Number, Revision & Piece Number**
- (f) **Serial Number**

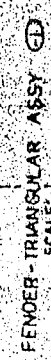
[illegible]

17. PRICE GROUP

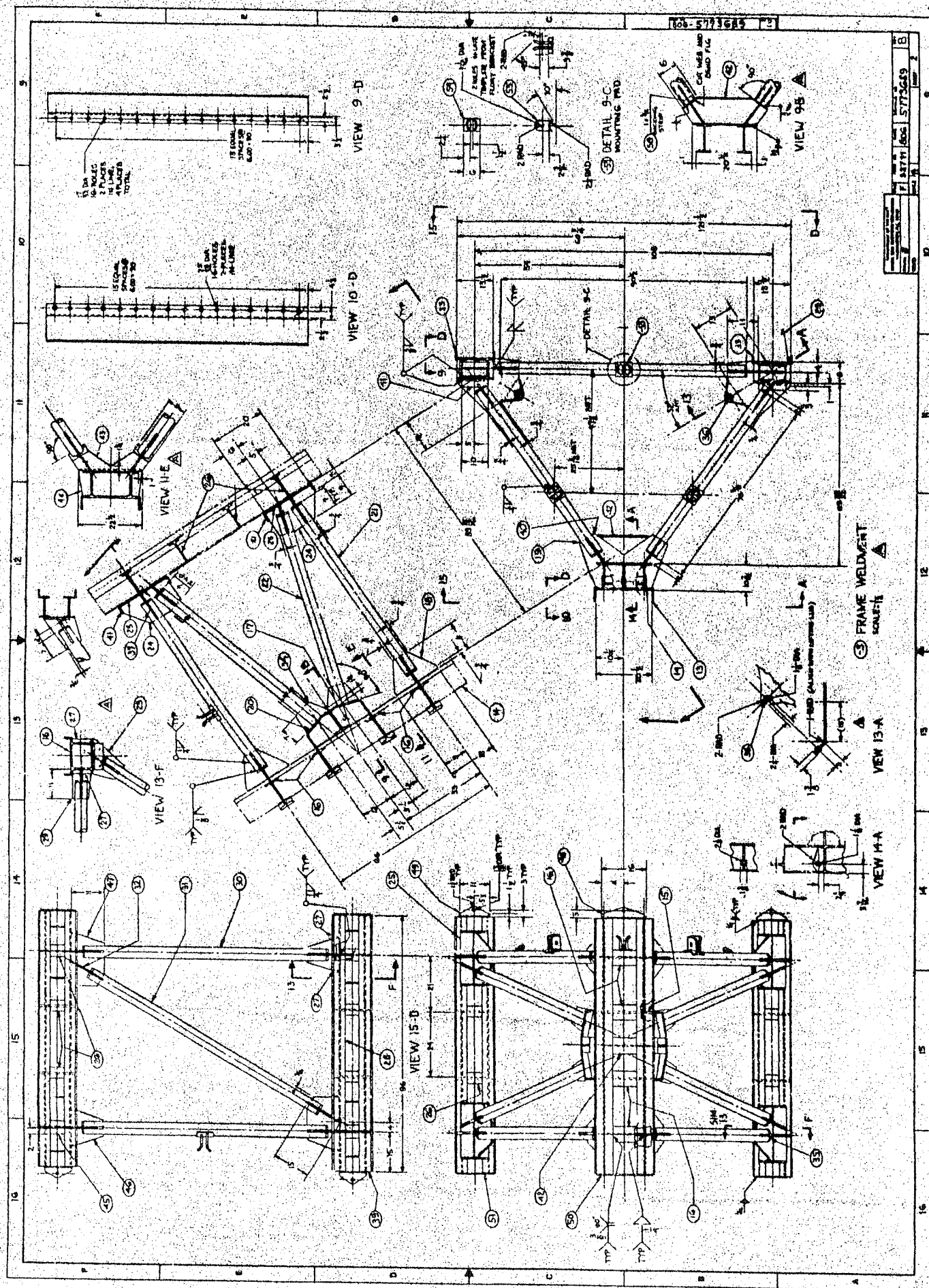
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18. ESTIMATED  
TOTAL PRICE

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
LOUIS J. DISTEFANO	13 May 2002	James Fries	13 May 2003

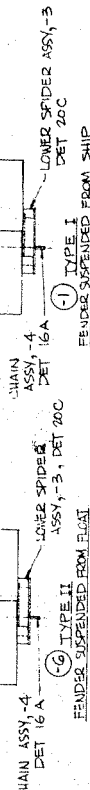
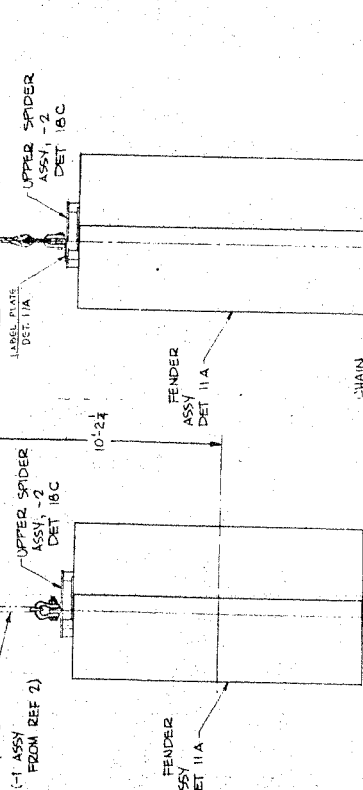
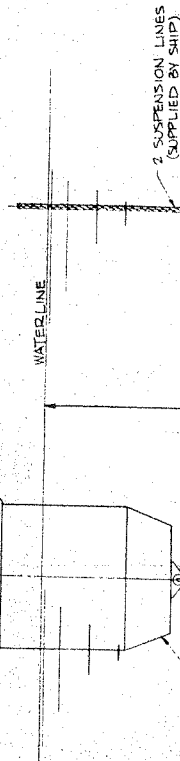
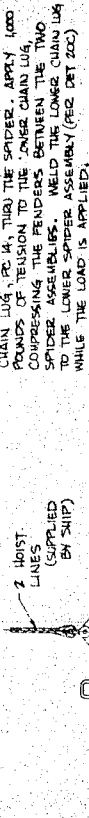
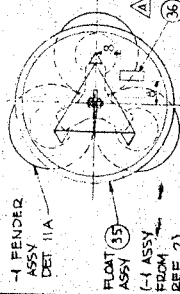


1. Name of the vessel 2. Date of departure 3. Name of the master 4. Name of the owner 5. Name of the charterer 6. Name of the cargo owner 7. Name of the cargo 8. Name of the cargo 9. Name of the cargo 10. Name of the cargo	11. Name of the cargo 12. Name of the cargo 13. Name of the cargo 14. Name of the cargo 15. Name of the cargo 16. Name of the cargo 17. Name of the cargo 18. Name of the cargo 19. Name of the cargo 20. Name of the cargo	21. Name of the cargo 22. Name of the cargo 23. Name of the cargo 24. Name of the cargo 25. Name of the cargo 26. Name of the cargo 27. Name of the cargo 28. Name of the cargo 29. Name of the cargo 30. Name of the cargo	31. Name of the cargo 32. Name of the cargo 33. Name of the cargo 34. Name of the cargo 35. Name of the cargo 36. Name of the cargo 37. Name of the cargo 38. Name of the cargo 39. Name of the cargo 40. Name of the cargo	41. Name of the cargo 42. Name of the cargo 43. Name of the cargo 44. Name of the cargo 45. Name of the cargo 46. Name of the cargo 47. Name of the cargo 48. Name of the cargo 49. Name of the cargo 50. Name of the cargo	51. Name of the cargo 52. Name of the cargo 53. Name of the cargo 54. Name of the cargo 55. Name of the cargo 56. Name of the cargo 57. Name of the cargo 58. Name of the cargo 59. Name of the cargo 60. Name of the cargo	61. Name of the cargo 62. Name of the cargo 63. Name of the cargo 64. Name of the cargo 65. Name of the cargo 66. Name of the cargo 67. Name of the cargo 68. Name of the cargo 69. Name of the cargo 70. Name of the cargo	71. Name of the cargo 72. Name of the cargo 73. Name of the cargo 74. Name of the cargo 75. Name of the cargo 76. Name of the cargo 77. Name of the cargo 78. Name of the cargo 79. Name of the cargo 80. Name of the cargo	81. Name of the cargo 82. Name of the cargo 83. Name of the cargo 84. Name of the cargo 85. Name of the cargo 86. Name of the cargo 87. Name of the cargo 88. Name of the cargo 89. Name of the cargo 90. Name of the cargo	91. Name of the cargo 92. Name of the cargo 93. Name of the cargo 94. Name of the cargo 95. Name of the cargo 96. Name of the cargo 97. Name of the cargo 98. Name of the cargo 99. Name of the cargo 100. Name of the cargo
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# GENERAL NOTES

- WELDING TO BE IN ACCORDANCE WITH AWS D1.1:2015. ALL FILLET WELDS TO BE 1/4" MIN. THICK. JOINT EFFICIENCY TO BE 100%.
- REMOVE ALL BURRS AND SHARP EDGES.
- SURFACES TO BE PAINTED SHALL BE PREPARED BY BLASTING TO EQUIVALENT SAND CLEANING. THE FOLLOWING POLYAMIDE COATING SYSTEM SHALL BE APPLIED TO ALL SURFACES:
  - PRIMER: MIL-PRF-24441, FORMULA 150, 2-4 MILS THICK, GREEN PRIMER.
  - SECOND COAT: MIL-PRF-24441, FORMULA 150, 3-4 MILS THICK, RED COLOR.
  - THIRD COAT: MIL-PRF-24441, FORMULA 154, 3-4 MILS THICK, GREY COLOR.
- THE FOLLOWING PROCEDURE SHALL BE FOLLOWED TO ASSEMBLE THE CYLINDRICAL FENDER DET 11A:
  - MANUFACTURE FENDER ASSEMBLIES, PC NO 2, THRU 5.
  - ARRANGE CYLINDRICAL FENDERS, PC 7, TO FACILITATE INSTALLATION OF BAR ASSEMBLIES (-5 ASSY). LINK, PC 11 & 29, AND SHACKLE, PC 12, ALLOW APPROXIMATELY THREE INCHES OF SEPARATION BETWEEN FENDERS TO PROVIDE ACCESS TO SHACKLE, PC 12, USED TO CONNECT BAR ASSEMBLY (-5 ASSY); SEE DET 11 A.
  - AFTER CONNECTING THE BAR ASSEMBLIES, WELD UPPER CHAIN STAPLE PC 13 TO UPPER SPIDER (-5 ASSY, DET 18C) AND INSERT UPPER SPIDER INTO FENDERS AS SHOWN IN DET 11 A. SO THAT CHAIN ASSEMBLY (-4 ASSY, DET 6A) PROTRUDES FROM CENTER OF THE OPPOSITE END OF THE FENDERS PC 7.
  - INSERT THE LOWER SPIDER ASSEMBLY (-3 ASSY, DET 20C) INTO THE FENDERS, DRAWING THE LOWER CHAIN LUG, PC 14, THRU THE SPIDER. APPLY 1000 POUNDS OF TENSION TO THE LOWER CHAIN LUG, COMPRESSING THE FENDERS BETWEEN THE TWO SPIDER ASSEMBLIES. WELD THE LOWER CHAIN LUG TO THE LOWER SPIDER ASSEMBLY (REQ DET 20C) WHILE THE LOAD IS APPLIED.



DETAIL 1A  
FENDER ASSY RIGGED  
FOR USE  
SCALE: 1/16"

QTY	ITEM NO	DESCRIPTION	UNIT	REMARKS
1	18837	LABEL PLATE	PCS	18837-252
1	18838	LABEL PLATE	PCS	18838-252
1	18839	LABEL PLATE	PCS	18839-252
1	18840	LABEL PLATE	PCS	18840-252
1	18841	LABEL PLATE	PCS	18841-252
1	18842	LABEL PLATE	PCS	18842-252
1	18843	LABEL PLATE	PCS	18843-252
1	18844	LABEL PLATE	PCS	18844-252
1	18845	LABEL PLATE	PCS	18845-252
1	18846	LABEL PLATE	PCS	18846-252
1	18847	LABEL PLATE	PCS	18847-252
1	18848	LABEL PLATE	PCS	18848-252
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1	18898	LABEL PLATE	PCS	18898-252
1	18899	LABEL PLATE	PCS	18899-252
1	18900	LABEL PLATE	PCS	18900-252

## LIST OF MATERIAL (CONT)

QTY	ITEM NO	DESCRIPTION	UNIT	REMARKS
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POOP PLAN

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CLASSIFICATION		NAVAL SEA SYSTEMS COMMAND	
SUBMITTED BY		SUBMITTED DATE	
APPROVED BY		APPROVED DATE	
REVISIONS		REVISIONS	
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DEPARTMENT OF THE ARMY					
ARMY MAIL SERVICE COMMAND					
WASHINGTON, D.C. 20315					
NAME		ADDRESS		CITY	
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